

Use the following statement for the first three questions; "the next three numbers in the sequence are:"

1. 1,5,9,13,17, _____, _____, _____

2. 1, 6, 15, 28, _____, _____, _____

3. 1,2,3,5,8,13, _____, _____, _____

4. Every time Jason goes camping in the woods, he gets poison ivy. Jason is going camping this w.e. What is your conclusion?

5. The method of reasoning in questions 1-4 is _____?

In questions 6-9 state a conclusion based on the given facts.

6. Gina is taller than Libby. Libby is taller than Cassie.

7. All horses like oats. Trigger is a horse.

8. If two angles of a triangle are congruent then the triangle is isosceles. In triangle ABC, $\angle A$ is congruent to $\angle C$.

9. If two angles are a linear pair, then they are supplementary. If two angles are supplementary, then their sum is 180 degrees.

10. The method of reasoning used in questions 6-9 is _____?

In questions 11-14 consider the following statement: "If I finish my homework then I can go to the game."

11. The conclusion is _____?

12. The hypotheses is _____?

13. Write the converse.

14. Write the negation.

15. Write the contra-positive.